

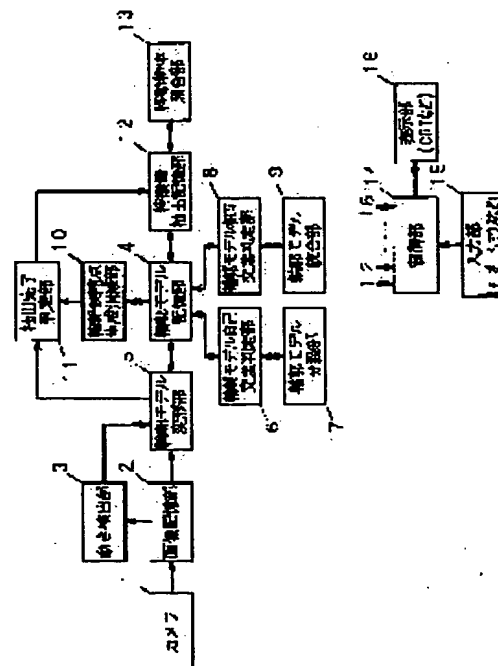
(11)Publication number : 09-270014
(43)Date of publication of application : 14.10.1997

G06T	7/20
G06T	9/20
G06T	7/00
H04N	7/18

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PROBLEM TO BE SOLVED: To correctly extract moving bodies even when they cross each other by separating an outline model into plural outline models at its self-crossing part or integrating different outline models which cross each other into one.

SOLUTION: An outline model self-crossing decision part 6 decides whether or not part of an outline model deformed by an outline model deformation part 5 crosses or touches another part of the outline model and an outline model separation part 7 cuts the outline model at the touching or crossing part and separates it into plural outline models. An outline model mutual-crossing decision part 8 decides whether or not plural different outline models stored in an outline model storage part 4 contact or cross each other. An outline model integration part 9 integrates different outline models, decided by the outline model mutual-crossing decision part 8, to contact or cross each other, into one outline model.



[Date of requesting appeal against examiner's decision of rejection]